## **EAST Search History**

| Ref<br># | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|---|---------------------|---------|------------------|
| L1       | 1    | "6393392".pn. and (transform\$6<br>quant\$9)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/07/06 07:59 |
| L2       | 2    | "5974380".pn. and (rat\$5 buffer\$5 quant\$9)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/07/06 08:18 |
| L3       | 2    | "5974380".pn. and (rate buffer\$5 reprod\$9)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/07/06 08:25 |
| L4       | 1    | "5974380".pn. and (transform\$9)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/07/06 08:27 |
| L5       | 1    | "5974380".pn. and (matri\$5)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/07/06 08:44 |
| L6       | 2    | "5974380".pn. and (header frame)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/07/06 08:44 |
| S1       | 127  | (Wei-Ge near3 Chen).in. ((Naveen near3 Thumpudi).in.) (Ming-Chieh near3 Lee).in.                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/07/03 17:02 |
| S2       | 102  | S1 and encod\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/07/03 17:07 |
| S3       | 22   | S2 and (multi with channel) and audio and (transform\$5) and (cod\$6 encod\$6) and (joint\$6 with channel) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |                     | ON      | 2006/07/03 17:08 |

7/6/06 9:06:40 AM
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## **EAST Search History**

| S4  | 21 | S3 and noise and ratio and loop   | US-PGPUB;<br>USPAT;<br>EPO; JPO;                        | OR | ON | 2006/07/03 17:10 |
|-----|----|---|---|----|----|------------------|
|     |    |   | DERWENT;<br>IBM_TDB                                     |    |    |                  |
| S5  | 39 | transform\$ with (ecod\$6 cod\$5)<br>and (joint with channel) and (multi<br>with channel) and energy  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/03 17:16 |
| S6  | 9  | transform\$ with (ecod\$6 cod\$5)<br>and (determin\$6 select\$6 find\$5)<br>with (joint with channel) and<br>(multi with channel) and energy  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/03 17:19 |
| S7  | 5  | transform\$ with (ecod\$6 cod\$5) and (determin\$6 select\$6 find\$5) with (joint with channel) and (multi with channel) and energy and joint with channel and independent with channel | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/03 17:20 |
| S8  | 1  | "5956674".pn. and (transform\$) and (determin\$6 select\$6 find\$5) with (joint with channel) and (multi with channel) and independent with channel                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/03 17:20 |
| S9  | 1  | "5974380".pn. and (joint multi<br>independent single)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/05 20:58 |
| S10 | 1  | "5974380".pn. and (joint multi independent (single with channel))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/05 19:56 |
| S11 | 1  | "5974380".pn. and (energy)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/05 20:14 |
| S12 | 1  | "5974380".pn. and (energy and ratio)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |    | ON | 2006/07/05 20:41 |

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## **EAST Search History**

|     | 1 | <del></del>                         | r   |    |    | 7                |
|-----|---|-------------------------------------|---|----|----|------------------|
| S13 | 1 | "5974380".pn. and (threshold)       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/05 20:46 |
| S14 | 1 | "6393392".pn. and (open with loop)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/05 21:31 |
| S15 | 1 | "5974380".pn. and (transform\$6)    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 08:15 |
| S16 | 0 | "6393392".pn. and (close with loop) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 07:59 |

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